

ABSTRACT

A valve for controlling material flow through a catheter, comprises a first flexible member including a first moveable element, wherein, when the first moveable element is in the open position, material may flow past the first flexible member through a first lumen of the catheter and, when the first moveable element is in the closed position, flow through the first lumen is prevented and a first biasing member coupled to the first flexible member for biasing the first moveable member toward the closed position.